

PATENT

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METHOD FOR IDENTIFYING SUBSTANCES CAPABLE OF MODULATING ADIPOCYTE DIFFERENTIATION

ABSTRACT

The invention concerns a method for identifying compounds capable of modulating adipocyte differentiation, which consists in contacting a compound to be tested with genetically modified pre-adipocyte cells overexpressing the *REV-ERB ALPHA* receptor and measuring the adipocyte differentiation of said genetically modified cells as compared with the adipocyte differentiation of same said genetically modified pre-adipocyte cells in the absence of said compound to be tested.

The invention also concerns genetically modified pre-adipocyte cells overexpressing the *REV-ERB ALPHA* receptor as well as the method for preparing said cells.